

ABSTRACT OF THE DISCLOSURE

A pointing device in a computer system is automatically calibrated by distinguishing between "in presence" and "out of presence" conditions. Calibration
5 correction accommodates differing geometry of users' hands and fingers. Thus, the
"natural" "home" position may be different for left-handers or right-handers, or if the
device is operated with a thumb versus a forefinger. A system monitors user activity and
from that activity automatically selects X-Y values for auto-calibration. "First touch" and
"click" activities are used to select proper X-Y values for auto-calibration. "Click from
10 out of presence" is used to determine user selection events for proper calibration. The
invention provides "hardware help" for detecting and calibrating a "first touch."